

Converting Colors

CIE LCh(95, 2.640, 332.333)

Have a look what the booklet for
CIELCh(95, 2.640, 332.333) contains.

CIELCh(95, 2.731, 330.525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 2.731, 330.525)

Conversions

Conversions Part 1

Format	Color
Hex	F4EFF3
RGB	244, 239, 243
RGB Percent	96%, 94%, 95%
CMY	0.0423, 0.0619, 0.0462
CMYK	0.00, 0.02, 0.00, 0.04
HSL	312°, 19%, 95%
HSV	312°, 2%, 96%
XYZ	84.5263, 87.6183, 97.4252
YIQ	240.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

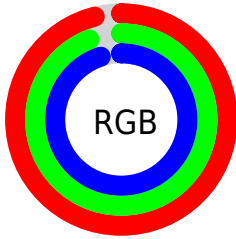
Format	Color
RYB	244, 239, 243
Decimal	16052211
CIELab	95.00, 2.38, -1.34
CIELCh	95, 2.731, 330.525
Yxy	87.6183, 0.3136, 0.3250
Android (android.graphics.Color)	4294242291 (0xFF4EFF3)
YUV	240.9510, 1.0102, 2.6740
Hunter-Lab	93.6047, -2.6203, 3.8133

Details

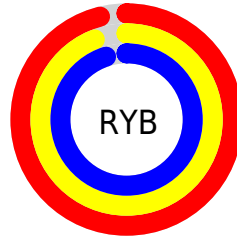
The CIELCh color $95, 2.731, 330.525$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $96, 2.709, 150.539$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 2.867, 330.588$ is the 20% darker color. If you saturate the color by 10%, you get $89, 16.151, 331.270$, and if you desaturate by 10%, it is $99, 5.172, 156.627$.

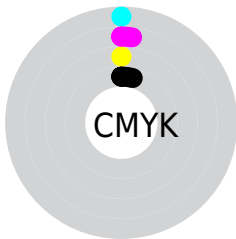
Distribution



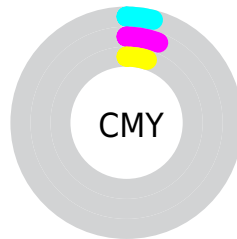
- Red (96%)
- Green (94%)
- Blue (95%)



- Red (96%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.731, 330.525 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 2.731, 330.525 by changing the saturation by 10% instead.

95, 2.731, 330.525

95, 2.731, 330.525

100, 2.731,
330.525

85, 2.731, 330.525

75, 2.731, 330.525

65, 2.731, 330.525

55, 2.731, 330.525

45, 2.731, 330.525

35, 2.731, 330.525

25, 2.731, 330.525

15, 2.731, 330.525

5, 2.731, 330.525

95, 2.731, 330.525

95, 2.731, 330.525

89, 16.151,
331.270

99, 5.172, 156.627

83, 29.673,
331.936

99, 3.885, 184.135

77, 43.064,
332.618

99, 3.724, 199.347

72, 55.977,
333.322

67, 67.947,
334.050

63, 78.394,
334.810

60, 86.698,
335.618

57, 92.334,
336.501

■ 56, 95.067,
337.496

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 2.731, 330.525



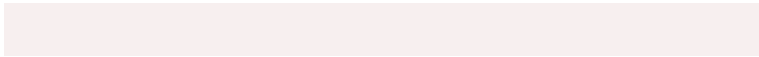
96, 2.709, 150.539

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



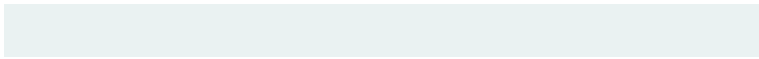
95, 2.731, 330.525



95, 2.731, 20.525



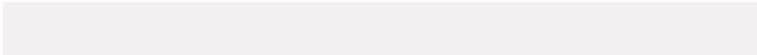
95, 2.731, 150.525



95, 2.731, 200.525

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95, 2.728, 330.530



99, 1.385, 330.330



95, 2.606, 298.127



53, 0.787, 330.313



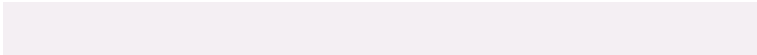
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

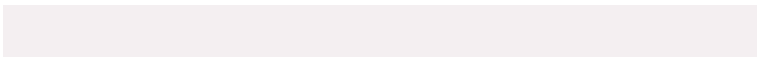
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.728, 330.530



99, 2.762, 330.525



95, 1.941, 355.863



51, 1.519, 330.511



42, 78.104, 338.173



10, 35.423, 336.603

Inverse Universe

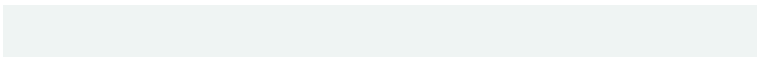
The Inverse Universe completely reimagines the original color for something new.



95, 2.728, 330.530



99, 2.762, 330.525



96, 1.919, 176.062



51, 1.519, 330.511



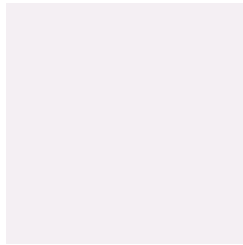
42, 78.104, 338.173



10, 35.423, 336.603

Previews

White Background



This preview shows how the CIELCh color 95, 2.731, 330.525 looks on a white background.

Color Contrast Check

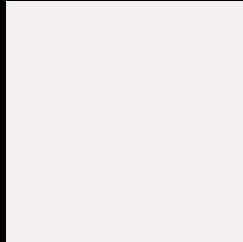
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 2.731, 330.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

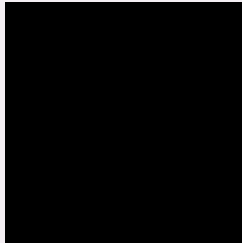
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

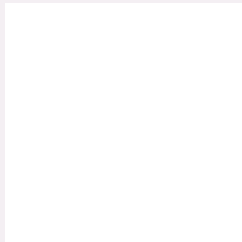
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.731, 330.525

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.731, 330.525.

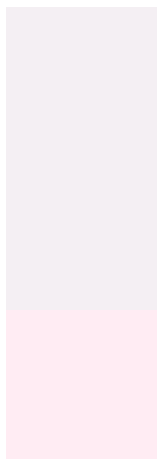


This preview shows how white text looks on a background with the CIELCh color 95, 2.731, 330.525.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


95, 2.731, 330.525

Protanopia

95, 2.731, 330.525

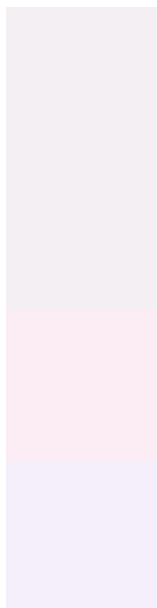
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 9.813, 309.369

Trichromacy



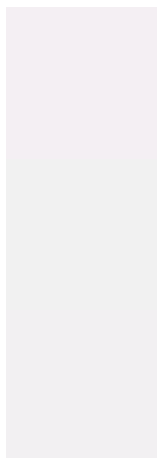
Original Color
95, 2.731, 330.525

Protanomaly
95, 2.731, 330.525

Deuteranomaly
95, 5.869, 348.093

Tritanomaly
95, 7.150, 310.601

Monochromacy



Original Color
95, 2.731, 330.525

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.262, 324.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.731, 330.525 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 239, 243)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 239, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.731, 330.525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 239, 243) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(244, 239, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(244, 239, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.731, 330.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
239, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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